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1. Material Supply Situation

a. Aluminum Overhead Cables

A conference held on 7 December 1951 at the SAG Central Administration office, Berlin-Weissensee, Askania Buildings, revealed that none of the VEBs in the DDR is at present capable of producing aluminum overhead cables to the required 99.8% purity. The VEBs stated that they could only produce cables of a maximum purity of 98.0%, which will not suffice. The immediate requirements of such cables by HV Energie, Ministry of Heavy Industry, Berlin, for the DDR amounted on 7 December to 50 metric tons. So far the SAGs, which have been asked to help out, have delivered only three metric tons.

b. Transformer Construction

Transformers continue to be built at VEB VEM Transformatoren und Roentgenwerk, Dresden (formerly Koch & Sternel) and at Transformatorenwerk (TRO), Berlin-Oberschoeneweide. Both plants are fully employed in building transformers which are almost exclusively for export to the USSR. No new development work is being carried out on transformers. Dresden production has been restricted to small and medium size transformers, leaving Oberschoeneweide to handle all large ones. The supply of raw material at these plants is satisfactory, since all those materials not obtainable in the DDR, e.g., transformer sheet steel, are supplied direct by the USSR. Oberschoeneweide is building, among other transformers, one type of 220 KV - 120 MVA. Dresden is at present engaged in building one series of 600 transformers to 600 KVA for a transforming ratio of 20 : 6 and 20 : 3. Oberschoeneweide is also designing switches for 400 KV.

2. Electricity Supply and Output

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a. Electricity Output 1 - 10 December 1951

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[REDACTED]  
[REDACTED]  
[REDACTED] the Electricity output in the DDR during the period 1  
- 10 December 1951 was as follows:

Energiebezirk Nord	25 MW
" Mitte	203 "
" Ost	728 "
" West	825 "
" Sued	126 "
BEWAG, East Berlin	230 "
Chemical Plants	598 "
Imports from British Zone (Bleckede)	22 "
	<u>2,757 "</u>

b. Land Saxony Supply Review

- 1) The supply of electricity to the new high grade steel plant, Edelstahlwerk Doehlen, VEB, where a total of 30 small (about eight metric ton) electric-furnaces are being set up, will not present any great difficulties to Energiebezirk Ost since the overhead cable net of Land Saxony survived dismantling in 1945 - 46. Sufficient reserves of electricity output can therefore be made available from other, more distant parts of the Land if really needed.
- 2) The main difficulties at present experienced by the Wismut AG regarding electricity requirements are not lack of available supplies but lack of suitable transformer installations. Espenhain-Zwoenitz power station, for example, is unable to convert to 220 KV solely because of lack of transformers. The transfer of a suitable transformer from Remptendorf to Bieskau is now being considered so that a link with Espenhain can then be established at Bieskau.

c. Electricity Imports from the British Zone

The electricity output situation in Energiebezirk Nord did not improve during the fall of 1951; so that the supplies of Land Mecklenburg are still almost entirely dependent on power from Bleckede, British Zone. Supplies in the entire area would collapse if these imports were to cease suddenly, since the self-produced current would not suffice to overcome resistance. The lack of suitable materials (e.g. copper, cables, wire, transformer sheet steel, etc.) has delayed the return to service of most of those parts of power and transformer station plants which were taken out of service during the summer months for routine repairs.

d. Eisenhuetten-Kombinat Ost, Fuerstenberg

Although this new plant had expected to require a regular supply of 15 MW this autumn, the failure of the proper functioning of its blast furnaces has resulted in the reduction of this demand to only 5 MW. In spite of the present situation the plant has applied for a supply of 50 MW for 1952.

e. Klein-Machnow

The supply of electricity to Klein-Machnow near Berlin (on the border of the US Sector) was reorganized in November 1951. This Berlin suburb is now being supplied by the DDR Energiebezirk Mitte, having previously been dependent for its electricity on Schoenow (power station, Berlin-Zehlendorf, US Sector). The change means that the transformer and switch station, though the property of the West Berlin BEWAG (Berliner Elektrizitaetswerk AG) becomes available for removal to other parts of the DDR, where this type of plant is urgently required.

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Although a total of DM 120 million (East) had been scheduled as profit for 1951 by HV Energie, Ministry of Heavy Industry, DDR, the total actual profit accrued during the period 1 January to 31 September 1951 already amounted to DM (East) 110 million.

4. Overhead Cable Net Alterations

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At a conference of departmental heads of HV Energie, Ministry of Heavy Industry, DDR, held on 10 December 1951, [ ]

[ ] to take down the Russian Zone part of the overhead cable line which at present runs from Herlasgruen (Russian Zone) to Hof (US Zone).

[ ] there would not be any political objections to this step. The cable and masts which thus become available are to be used for new lines requested by the Wismut AG.

- (1) [ ] Comment: On 5 November 1951, as the result of an administrative change, the greater part of the Ministry for Heavy Industry became the Ministry of Smelting and Mining.

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